

in the news

INSIDE

Spurred on by seniors Rich Okine and Joe Egan, the Indoor Track team opened its season with a dual victory over Brandeis and WPI. The win avenged the Engineers' 1½ point loss to the Judges last year.

p4

Led by team captain David Schaller '78, the Varsity Pistol team picked up a second win in intercollegiate shooting in a match against the Newark College of Engineering on Saturday and went on to set a new National Junior Air Pistol team record on Sunday.

p4

OUTSIDE

The Eastern division champion women's volleyball team left last night for the Small College National Tournament at Pepperdine University in Malibu, California. Among the team's first-round opponents will be first-seeded Texas Lutheran College tomorrow evening.

A report issued by the MIT-Harvard Joint Center for Urban Studies charges that federal funds to help inner city residents are being misused. The paper, which was prepared by a team that included MIT Professor Bernard J. Frieden, cites the construction of a tennis complex in Little Rock, Ark. using funds from the Community Development Revenue Sharing program as an example of a project which benefited a local community "at the expense of the poor."

The Undergraduate Association will sponsor an open forum on student housing and overcrowding on Thursday from 3 to 5pm in room 10-250. Topics to be discussed include U.A. proposals to maintain the overall population of the dormitory system at a constant level, and to allow for student input into decisions concerning the rules and arrangements for single-sex and co-ed living groups.

ERRATA

In the photo essay on the UMOG dinner at McDonald's which appeared in the last issue of *The Tech*, the captions under the pictures of Steve Meretzky '79 (The Gorilla) and Mitch Weiss '79 (The Spirit of Transparent Horizons) were inadvertently switched. *The Tech* regrets the error.

United States, Russia in nuclear balance

By Jim Eisen

Neither the Soviet Union nor the United States will have a disarming first strike capability for the foreseeable future, predicted Professor of Political Science William Kaufmann Friday afternoon at a Seminar on Technology and International Security sponsored by the Center for International Studies.

Kaufmann, a high-ranking Pentagon analyst for nearly sixteen years, spoke to nearly sixty persons in the "US/USSR Technological and Strategic Balance." He forecast that the strategic nuclear balance will probably hold for at least a decade for any combination of offensive measures, because of the substantially invulnerable forces of intercontinental and submarine-launched ballistic missiles on each side.

He stated, however, that American defense analysts are concerned about trends that may alter the balance. "The full consensus in US intelligence communities," asserted Kaufmann, "is that the Soviets have absolutely no interest in 'mutual assured destruction' (guaranteed mutual annihilation, the American deterrence doctrine) but rather in war-fighting capability." This emphasis does not imply aggressiveness nor can we make any other significant inferences about Soviet intentions, he added.

Among the disturbing areas of Soviet activity listed were:

- A new generation of missiles,

Review

Rock group overshadows unimpressive Patti Smith

By Claude Perry

Patti Smith, who must be the most absurd spectacle in rock today, topped a bill that included Reddy Teddy and Sparks at the Orpheum Theater Saturday. Smith's poetry is by far more interesting than her music. Her style is best suited to small clubs. Her attempts to reach the whole hall were a ludicrous and pitiful sight.

Even more pathetic were Reddy Teddy, the latest Aerosmith retread to come down the pike. They leaped and flailed about to no useful end. The lead singer screamed each set of banal lyrics with no sense of phrasing or control. At the end of the set, he threw copies of the group's new album into the audience. It was quite a surprise to me that no one threw them back.

Sparks, already one of the most refreshing acts in rock, seemed even more so after Reddy Teddy's inept performance. Making their Boston debut with a new band, their part of the evening was unquestionably the most successful. The sound system even rose to the occasion for a few numbers, showcasing Russell Mael's manic soprano admirably.

Sparks are engaging performers who have successfully survived numerous producer and label changes. Their concert consisted mainly of material from their debut album for Columbia, *Big Beat*. The album represents a



Lee Lindquist

Professor William Kaufmann analyses the "balance of terror" between American and Russian nuclear capabilities.

presumably with higher "kill probabilities," with testing to begin next year and deployment as early as 1983;

- An "extremely active ABM R&D program" for both radar and interceptors;
- Anti-bomber defenses, though the Soviets do not yet have as good a "lockdown-shootdown" capability as the US; and
- Civil defense and dispersal of industries, programs whose performance is enormously uncertain and difficult to assess.

These combined programs in offense, active defense, and passive defense point to a damage-limiting posture, Kaufmann maintained. Thus, "it is possible to put together a fairly scary story for the future — the Soviets could reduce their own fatalities to 2 to 5 per cent of their population while producing 50 per cent US fatalities and 80 per cent destruction of US industry," he said. This calculation, he pointed out, is a "fragile" and "extreme" one — "I set no great store by it" —

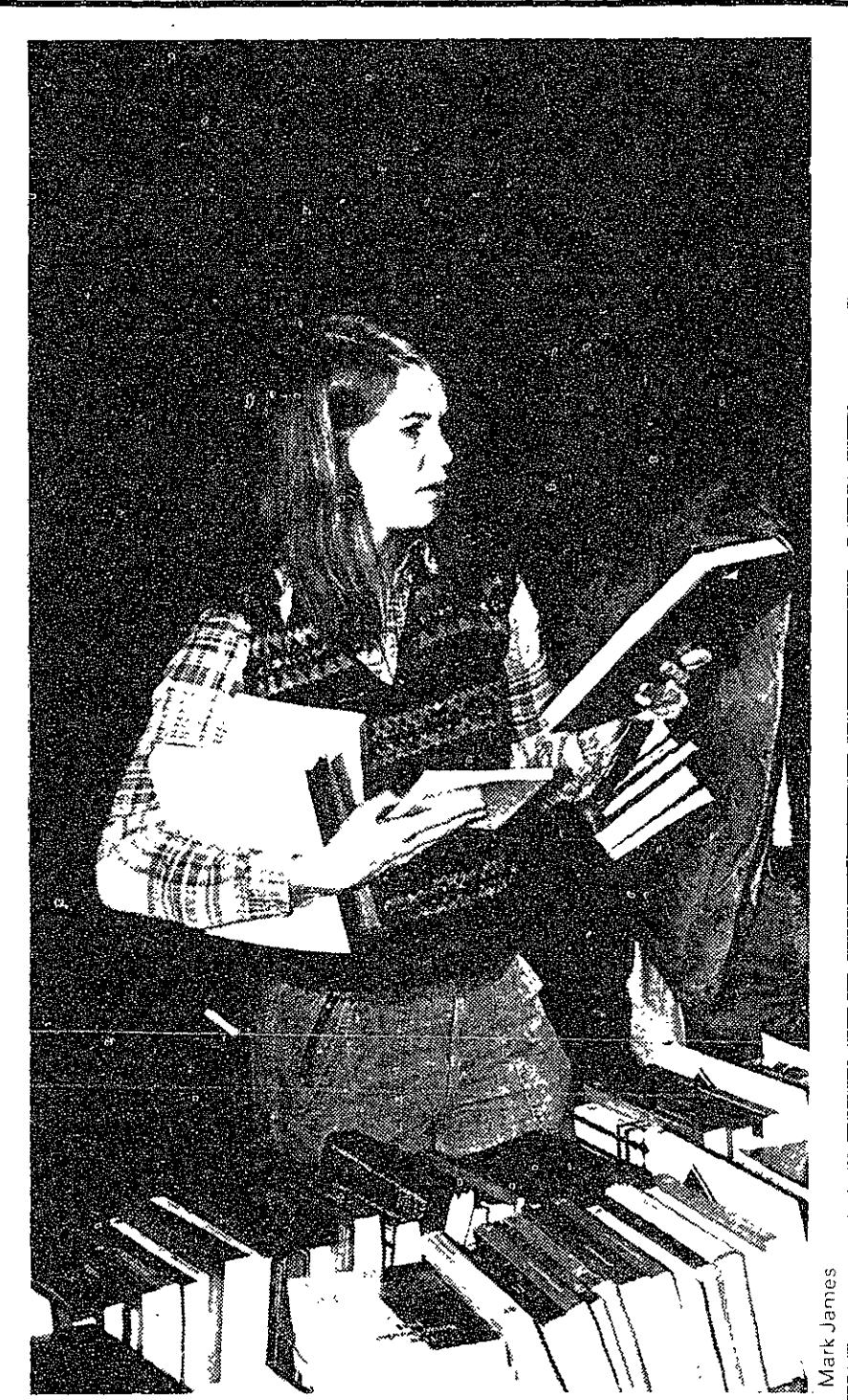
but some analysts are triggering a variety of demands for US countermeasures. In response to a later question, Kaufmann admitted that a Soviet advisor could produce a similar scare story, especially considering developments in US offensive capabilities.

On the technological side, Kaufmann saw no alarming or surprising trends. Though there has been a maturing and evolutionary upgrading in the quality of Soviet technology, while the US has been "coasting," America is maintaining an important lead in areas that are militarily significant, Kaufmann reported. This lead is naturally more substantial in newer areas of research, as the Soviets catch up to where we are running into diminishing returns from research; the Soviet edge, Kaufmann noted, lies in the fact that "they are more imaginative than we are, producing hardware we haven't with technology both of us know."

Five potential military problems for the future were raised:

- The strategic balance;
- Buildup of Soviet forces in East Germany;
- A Soviet jump on the US Navy, especially in antiship missiles;
- A "power projection" ability of the Soviets (including airlift and amphibious capabilities); and
- Impressive Soviet investment in production plants and facilities.

The question to be asked for the future, Kaufmann concluded, is what to do if the Soviets are going for a damage limiting capability.



Mark James

Katrina Wooton '77 looks over some of the many MIT Press books available at their annual sale, held Dec 2 to 4. Over 30,000 books were sold at prices as low as \$1.

New The Tech board selected

Special to The Tech

Lynn Yamada '78 became the third resident of McCormick 5th West in just four years to be elected Chairperson of *The Tech* when she was so named by the Volume 96 Board at a meeting last Sunday.

The Board, which met at what seemed like dawn, deliberated for over two hours before deciding on Yamada and twenty-two others to lead the paper through its 97th year.

The Board selected William Lasser '78 for Editor-in-Chief and William Harper '79 for Business Manager, and re-elected Rebecca Waring '79 to the post of Managing Editor. Waring has served in that capacity since late October.

After plodding through the Executive Board positions, the election process picked up steam. Mark James '78 and Nivin Pei '78 were elected News Editors in a fortunate burst of energy, and the Board rode their wave of momentum right through the selection of Kevin Wiggers '79, Patrick Thompson '80 and Steve Frann '80 as Night Editors.

As *The Tech*'s Board Room began to fill with the members of the new board, who were allowed to observe, interview and comment, but not vote, the old Board created even more congestion by appointing two Photography Editors, Lee Lindquist '79 and Gordon Haff '79. The latter pick was described by one source, who asked not to be identified, as "a minor upset."

The teeming crowd now in the room consumed its sixth box of doughnuts between the choice of Tom Curtis '80 and Gary Engleson '80 as Sports Editors, the promotion of Katy Gropp '80 from Associate Arts Editor to Arts Editor, and the repositioning of David Thompson '78 from

Night Editor to Advertising Manager.

In what was perhaps the most bizarre happening of the day, the board then considered the nominations of eight senior staffers as Contributing Editors. In the amicable atmosphere of mutual admiration which persisted even at the end of the tedious session,

there was little difficulty in granting this honorable title to all eight deserving staff members.

Those who will serve as Contributing Editors for next volume are Len Tower, who already holds the same title, and current Board members Chairperson Julia Malakie '77, Editor-In-Chief Glenn Brownstein '77, Business Manager John Sallay '77, Executive Editor Mark Munkacsy '78, News Editor Gerald Radack '77, and Photography Editors Tom Klimowicz '77 and Dave Schaller '78.

The new Board will take over operations of *The Tech* at the beginning of February. The Volume 97 board is the largest in recent history. Not including the contributing editors, it is also one of the youngest, with only four juniors, six sophomores and five freshmen.



MIT FATHER'S Fore

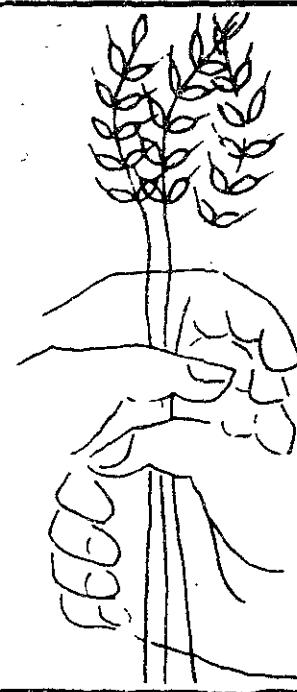
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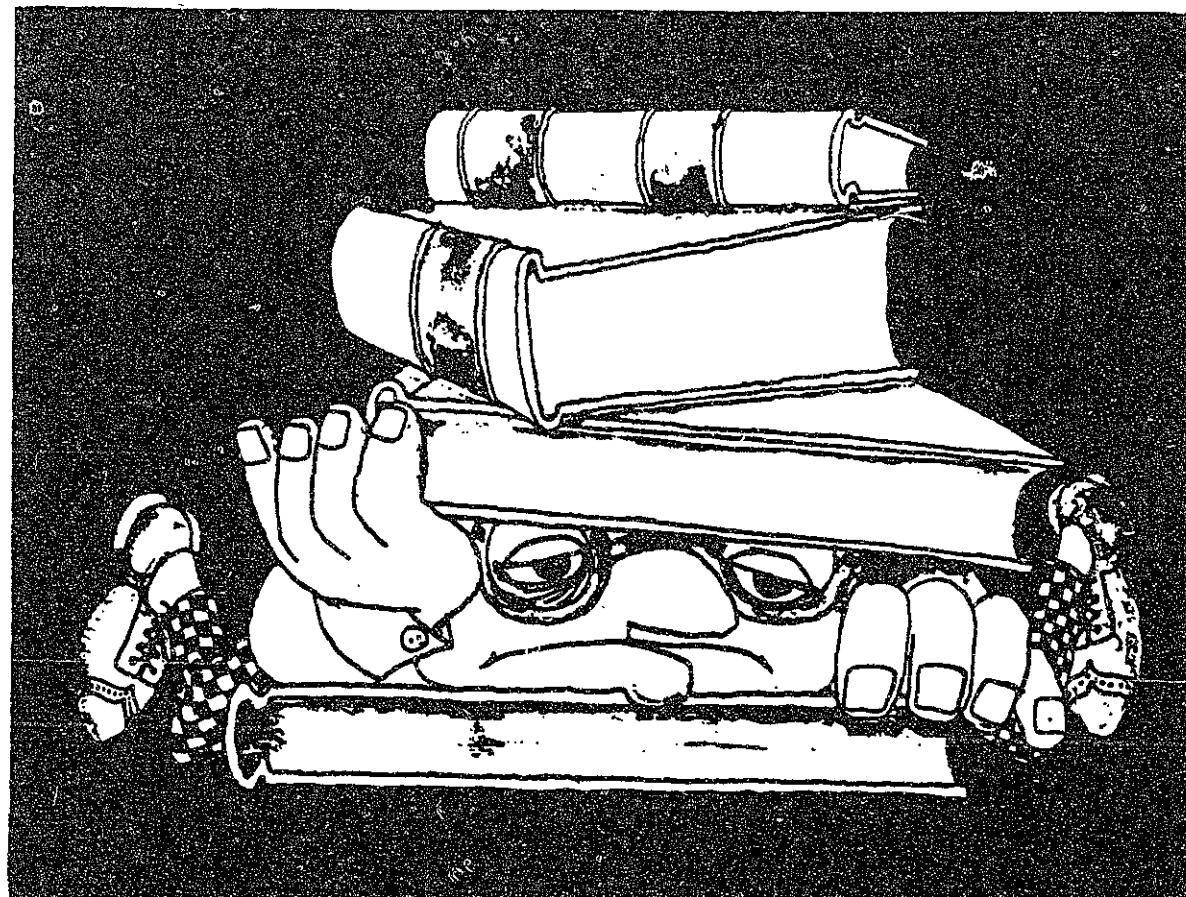
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Evelyn Wood Reading Dynamics

sports cont.

Indoor track trips Brandeis

(Continued from page 4)

The distance runners recorded excellent times, but could manage only one first place (Egan in the 600) in their four events because they faced the Brandeis distance team which placed third in the NCAA Division III cross country championships last month. All-American co-captain Frank Richardson '77 forced Brandeis All-American Chris Horton to shatter the Rockwell Cage two-mile run record by eleven seconds. His time of 9:12.6 easily beat Engineer Ben Wilson's '71 9:24.0 Cage

record, but was only 1.2 seconds ahead of Richardson. Juniors Chris Svendsgaard and John Dillon pushed their Brandeis adversaries to the wire before succumbing by small margins in the mile and 1,000 yard runs, respectively.

The mile relay team provided the icing on the cake for the victorious Engineers. Jim Dunlay '79, Dave Foley '79, and Craig Bonnema '80 ran gutsy legs, using the Cage facility to their advantage in keeping ahead or staying close to their Brandeis oppo-

nents. When Bonnema, only a stride back, handed off to Egan, the senior swept past the Judges' anchor man to the cheers of a delirious Cage crowd and then increased his winning margin to ten yards as he ran into the outstretched arms of an ecstatic Engineer relay squad.

The double win puts MIT's record at a perfect 2-0 and establishes the Engineers as a definite contender against any Division III foe in New England. This Saturday evening, MIT entertains its former team members in the annual Alumni-Varsity meet. Field events begin at 5:30 and running events commence at 7:00.

The Tech

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Glenn R. Brownstein '77 — Editor-in-Chief
Rebecca L. Waring '79 — Managing Editor
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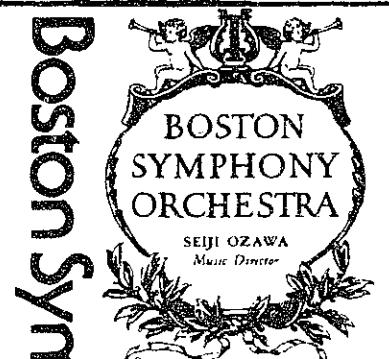
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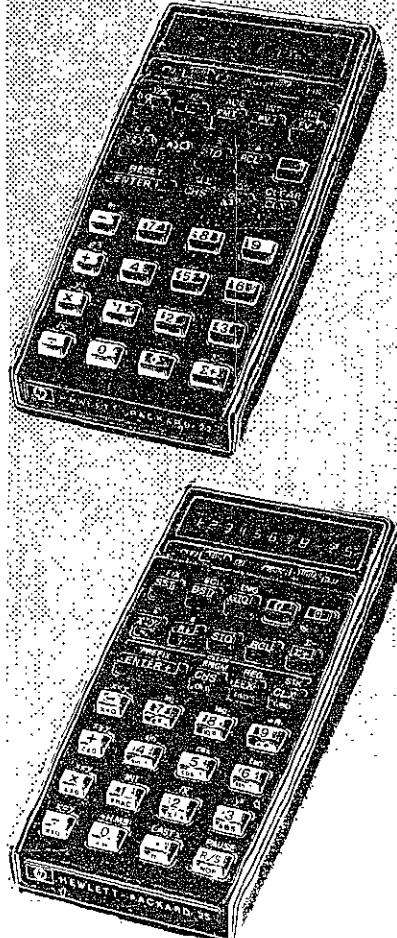
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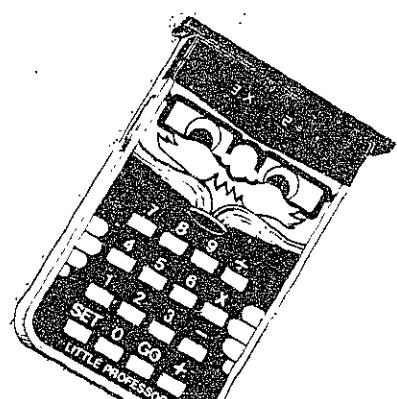
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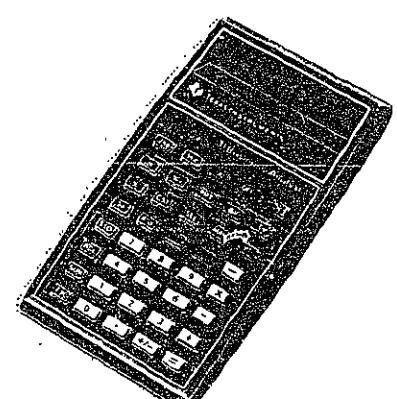
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sports

Okine and Egan pace runners' victory

By Dave Dobos

Powered by aggressive running and overall outstanding efforts in the field events, the MIT indoor track team gained vengeance on highly-rated Brandeis Saturday afternoon in Rockwell Cage. In the three-team contest, the Engineers piled up 68 points, Brandeis tallied 58, and Worcester Poly trailed with 14.

Rich Okine '77 and co-captain Joe Egan '77 were the leading Engineer figures in the double victory. The win over Brandeis avenged the 1 1/2-point heart-breaking loss to the Judges last December.

Okine took up where he left off last year, capturing the 50-yard dash and the 45-yard high hurdles in 5.7 and 6.0 seconds, respec-

tively. Both are excellent times, just a hair off of the Eastern hurdling champ's personal bests.

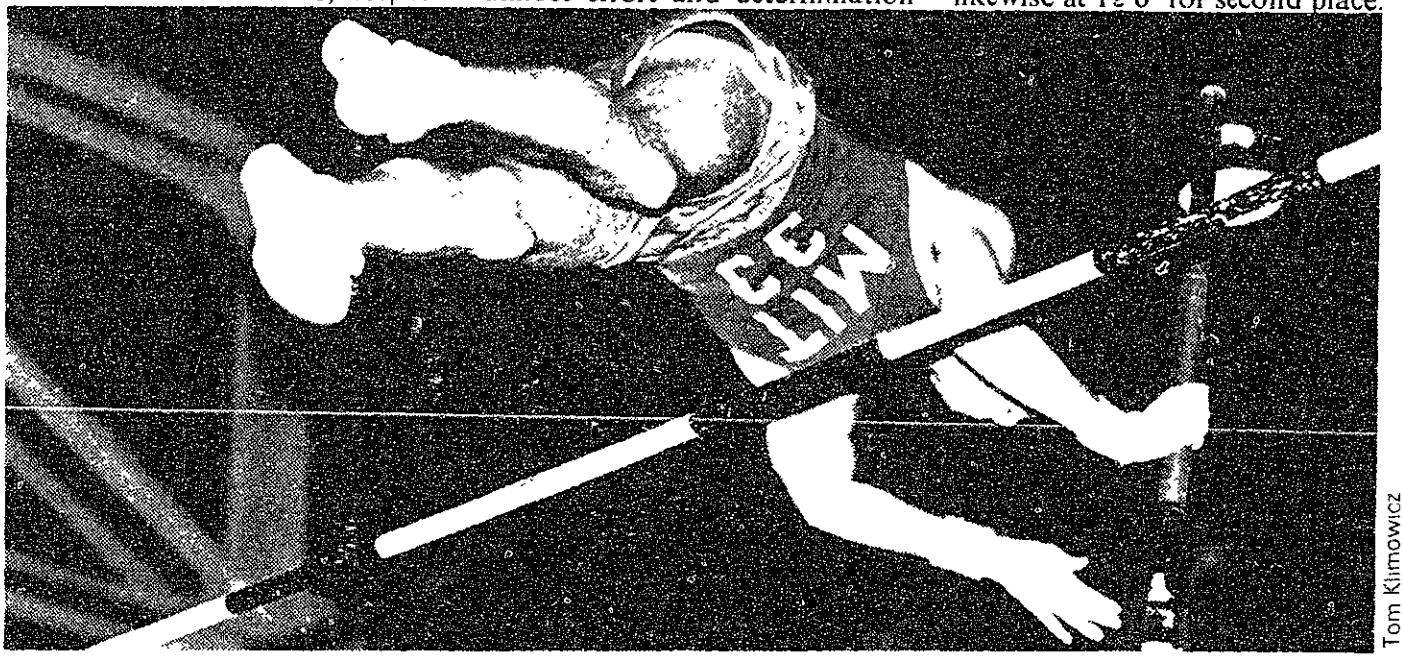
Egan was sensational, thrilling the Cage fans by upsetting Brandeis's Bob Deroo in the 600-yard run and later returning as anchor man in the mile relay to breeze past his Brandeis foe, padding MIT's winning margin. It was his run in the 600 that inspired his teammates to put on their best performances.

MIT head coach Gordon Kelly couldn't have been happier after the meet. Not only did the victory please him, but also the manner in which his athletes competed. "It was truly a team effort," observed the coach. Every Engineer thinclad displayed the utmost effort and determination

in his event. The runners put it on the line early and made their opponents fight for every point. The field event competitors established personal bests or bettered 1975-76 team marks in four of six events.

Steve Sifferlen '78 highlighted the field event performances. His winning 50'9" effort in the 35-lb. weight throw beat his previous best by more than a foot. Teammate Fred Bunke '78 trailed Sifferlen by a mere seven inches in the weight throw and recorded a personal best of his own in the shot put, a fine 45'6 1/4".

Pole vaulter Jim Williams '77 tied his personal indoor mark of 13'6" in capturing the event. Fellow vaulter Ed Ingenito '79 did likewise at 12'6" for second place.



Ed Ingenito '79 clears 12'6" for a second place finish in a home track meet

Shooters set national record

Last weekend proved quite fruitful for the MIT Varsity Pistol team, as it defeated Newark College of Engineering in a collegiate match on Saturday, and then set a national record on Sunday.

Leading the 3171 to 2966 victory over Newark was team captain David Schaller '78 with a score of 802. Following as a close second was Phil Morris '78 with an even 800. Phil Brucat '77, who two weeks ago was expected to be in the hospital until the end of December recovering from a motorcycle accident, came in third with a 788. David Miller '79 fired a score of 781 which is excellent for a sophomore. Denny McMullen '78 and Rob Mitchell '78 fired scores of 750 and 745 respectively.

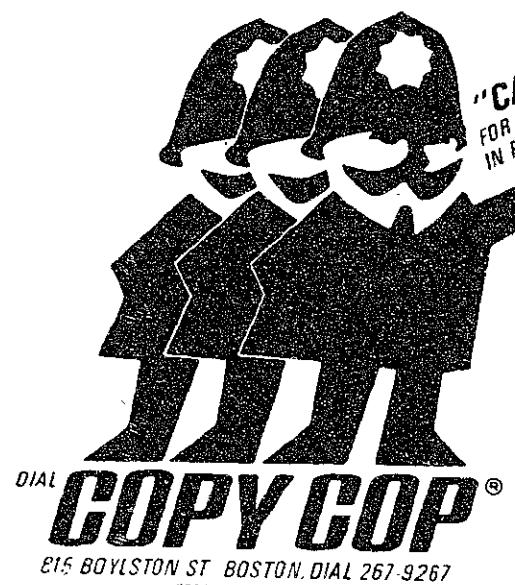
A new National Junior Air Pistol team record was set by three MIT shooters during the monthly Sunday Air Pistol Match sponsored by the Pistol Team. The new record of 1078 out of a possible 1200 surpassed the previous record by four points.

The three MIT shooters setting the record were David Schaller with a 362, Denny McMullen with a 361, and David Miller with a 355.

The Varsity Pistol Team's

record now stands at 2-0 in collegiate matches, and 5-1 in the Greater Boston Pistol League. The Pistol Team will be shooting a home match against WPI this Saturday at 9am.

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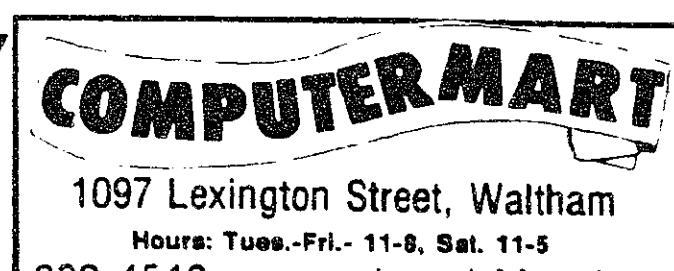
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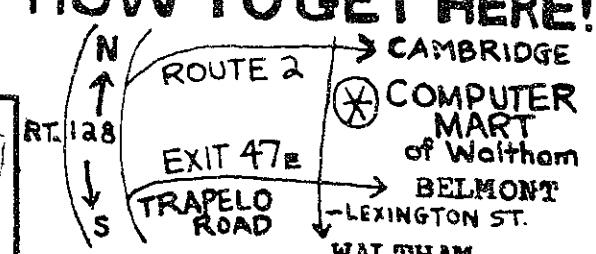
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